

## Kepler - Issues

| #    | Tracker | Status      | Priority | Subject   | Assignee           | Updated             |
|------|---------|-------------|----------|---|--------------------|---------------------|
| 7189 | Bug     | New         | Normal   | memory leak in Manager  | Christopher Brooks | 05/22/2017 04:56 PM |
| 6893 | Bug     | New         | Low      | DateToken value inconsistent  | Christopher Brooks | 12/04/2015 09:18 AM |
| 6795 | Bug     | New         | Normal   | parameters in composite actor not configured properly   |                    | 07/08/2015 04:40 AM |
| 6794 | Bug     | New         | Normal   | Cannot run two instances at the same time with two different users  | Daniel Crawl       | 07/21/2015 12:02 PM |
| 6614 | Bug     | New         | Normal   | parameter editor background color different on Linux  | Derik Barseghian   | 08/21/2015 03:44 PM |
| 6594 | Feature | New         | Normal   | cannot download from a tag  | Daniel Crawl       | 08/16/2015 06:30 PM |
| 6588 | Bug     | New         | Normal   | R actor does not have error for missing output  | ben leinfelder     | 08/21/2015 03:54 PM |
| 6587 | Feature | New         | Low      | summarize missing actors  | Daniel Crawl       | 08/17/2015 09:30 AM |
| 6575 | Feature | New         | Normal   | reference parameters in R actor's script  | ben leinfelder     | 08/21/2015 03:54 PM |
| 6571 | Bug     | New         | Normal   | Kepler command line execution won't exit if the parameter to be set in command line does not exist in the workflow.       | Daniel Crawl       | 06/16/2014 12:04 PM |
| 6481 | Bug     | New         | Normal   | strange issue with MultipleTabDisplay actor and with Display like actors in general (missing output port in non-gui mode) |                    | 03/27/2014 02:39 AM |
| 6453 | Bug     | New         | Normal   | Dock icon changes to coffee cup   |                    | 03/12/2014 12:00 AM |
| 6434 | Feature | New         | Normal   | add workflow execution time and other metadata to report designer   | Derik Barseghian   | 02/28/2014 01:11 PM |
| 6413 | Bug     | New         | Normal   | error when switching to DDF inside Case refinement  | Derik Barseghian   | 03/05/2014 10:14 AM |
| 6175 | Bug     | New         | Normal   | GenericJobSubmission actor sometimes runs job without completing data transfer.   |                    | 10/25/2013 05:03 PM |
| 6167 | Bug     | New         | Low      | Model Context Menu should have the enableBackwardTypeInference choice   |                    | 10/22/2013 06:08 PM |
| 6102 | Bug     | New         | Normal   | actor classes not saved properly in KAR files   | Derik Barseghian   | 09/25/2013 01:00 PM |
| 5834 | Bug     | New         | Normal   | Fix Kepler Javadoc warnings   |                    | 04/11/2013 09:37 AM |
| 5760 | Bug     | In Progress | Normal   | saving xml to existing file asks twice on mac   | Daniel Crawl       | 12/19/2012 11:18 AM |
| 5724 | Bug     | New         | Normal   | Display actor's suppressBlankLines parameter not working  | Derik Barseghian   | 10/22/2012 05:55 PM |
| 5721 | Bug     | New         | Normal   | Add ModelRepaintController to the Kepler library  | Derik Barseghian   | 10/01/2012 03:48 PM |
| 5715 | Bug     | New         | Normal   | Actor Reference documentation   | jianwu jianwu      | 03/07/2013 02:29 PM |
| 5699 | Bug     | New         | Normal   | Change the workflow scheduler server documentation link in the workflow-scheduler-gui module                              | Jing Tao           | 08/21/2015 03:57 PM |
| 5697 | Bug     | New         | Normal   | Workflow Run Manager can fail to Force Open a run kar that Kepler can   | Derik Barseghian   | 11/30/2012 02:06 PM |
| 5695 | Bug     | New         | Normal   | more automatic module update process.   | Derik Barseghian   | 08/24/2012 10:18 AM |
| 5693 | Bug     | New         | Normal   | decide on issuing patches so older versions of kepler can upload accessible items to Metacats > 2.0                       | Jing Tao           | 08/23/2012 12:41 PM |
| 5692 | Bug     | New         | Normal   | Values not committed to actors  | Derik Barseghian   | 08/27/2012 06:18 PM |
| 5691 | Bug     | New         | Low      | parameter choices are not saved   | Derik Barseghian   | 09/18/2012 11:56 AM |
| 5690 | Bug     | New         | Normal   | problems with updateActorDocs   | Daniel Crawl       | 09/18/2012 12:45 PM |
| 5689 | Bug     | New         | Low      | remove configs/.../configuration.xml override   | Daniel Crawl       | 08/21/2015 03:54 PM |

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|------|---------|-------------|----------|--|--------------------|---------------------|
| 5687 | Bug     | New         | Normal   | investigate alternatives to workflow versioning  | Daniel Crawl       | 08/17/2015 08:44 AM |
| 5686 | Bug     | New         | Normal   | datasets produced by archiveDataturbineDataToMetacat workflow show samples 'sliding' in time                         | Derik Barseghian   | 08/30/2012 05:34 PM |
| 5685 | Bug     | New         | Normal   | data isn't always chunked properly   | Derik Barseghian   | 08/30/2012 05:34 PM |
| 5682 | Bug     | New         | Normal   | ontology classes require unique label  | Derik Barseghian   | 08/17/2012 11:35 AM |
| 5679 | Bug     | In Progress | Normal   | the workflows in sensor-view should be resaved beneath sensor-view-0.9.0 so users aren't prompted to force open them | Derik Barseghian   | 08/30/2012 05:34 PM |
| 5678 | Bug     | New         | Normal   | growingDegreeDays workflow at kepler repository has type resolve error   | Derik Barseghian   | 08/30/2012 05:34 PM |
| 5675 | Bug     | New         | Normal   | new ProgressMeter demo workflows give errors when opening in sensor-view-0.9.0                                       | Derik Barseghian   | 08/30/2012 05:34 PM |
| 5674 | Bug     | New         | Normal   | The patch downloader dialog can fail to automatically restart Kepler   | Derik Barseghian   | 08/16/2012 03:10 PM |
| 5673 | Bug     | New         | Normal   | if user has newer version of module than exists in repository, old version will be downloaded                        | Derik Barseghian   | 08/10/2012 04:44 PM |
| 5672 | Bug     | New         | Normal   | java -jar sensorview-utils-1.0.jar should invoke a simple java app that prints help                                  | Derik Barseghian   | 08/10/2012 03:53 PM |
| 5671 | Bug     | New         | Normal   | Workflow Run Manager tries to connect to keplerDevRepository as a database instead of kar store                      | Derik Barseghian   | 08/10/2012 01:18 PM |
| 5670 | Bug     | New         | Normal   | see if runtimeMonitor module can be deleted, contains duplicate code   | Derik Barseghian   | 08/10/2012 12:01 PM |
| 5667 | Bug     | New         | Normal   | reevaluate how opening kars vs. XML should work from actor library.  | Derik Barseghian   | 08/07/2012 04:04 PM |
| 5666 | Feature | New         | Normal   | Build system needs a target to build all common or blessed non-core modules  | Derik Barseghian   | 08/16/2015 06:03 PM |
| 5664 | Bug     | New         | Normal   | Check for duplicate code   | Christopher Brooks | 08/21/2015 04:15 PM |
| 5652 | Bug     | New         | Normal   | Geon Scp and spa Ssh2Exec have duplicate code.   | Daniel Crawl       | 08/21/2015 04:07 PM |
| 5646 | Bug     | New         | Normal   | Switching some of the add-on modules to core   | Ilkay Altintas     | 08/17/2015 08:44 AM |
| 5645 | Bug     | New         | Normal   | kar uploading should need user account.  | Derik Barseghian   | 08/19/2015 10:40 AM |
| 5641 | Bug     | New         | Normal   | once timezones are added to provenance, Workflow Run Manager must utilize them                                       | Derik Barseghian   | 07/18/2012 01:14 PM |
| 5640 | Bug     | New         | Normal   | associate timezones with all timestamps recorded in provenance tables  | Daniel Crawl       | 07/18/2012 01:14 PM |
| 5639 | Bug     | New         | Normal   | ant update ptolemy -Drev=stable doesn't update you to latest "stable"  | Derik Barseghian   | 07/16/2012 12:59 PM |
| 5632 | Bug     | New         | Normal   | RuntimeMonitor token count indicator placement needs improvement   | Derik Barseghian   | 06/22/2012 01:41 PM |
| 5631 | Bug     | New         | Normal   | PortParameters cannot be drag-instantiated from Outline/Items of Interest trees                                      | Derik Barseghian   | 06/19/2012 01:23 PM |
| 5630 | Bug     | New         | Normal   | See about removing one set of ColorTableCellEditor and ColorTableCellRender classes                                  | Derik Barseghian   | 06/18/2012 03:45 PM |
| 5628 | Bug     | New         | Normal   | possible to get NPE when right-clicking on kar in Components tree  | Derik Barseghian   | 06/15/2012 04:25 PM |
| 5627 | Bug     | New         | Normal   | List all possible port types in actor Types drop down list   | Derik Barseghian   | 06/15/2012 08:00 PM |
| 5626 | Feature | New         | Normal   | interacting with kepler.sh to know the status and other information in batch-mode.                                   | jianwu jianwu      | 08/16/2015 06:02 PM |
| 5614 | Bug     | New         | Normal   | Build system should not require svn binary   | Derik Barseghian   | 06/01/2012 05:33 PM |
| 5612 | Bug     | New         | Normal   | String index out of range in R actor   | Derik Barseghian   | 06/01/2012 10:52 AM |
| 5611 | Bug     | New         | Normal   | LinearModel actor doesn't handle input variables properly  | Derik Barseghian   | 05/22/2012 02:50 PM |
| 5600 | Bug     | New         | Normal   | Import Site Layout performance is poor for many connections at once  | Derik Barseghian   | 05/07/2012 04:11 PM |
| 5596 | Bug     | New         | Normal   | Kepler UI freezes after Login Anonymously  | Derik Barseghian   | 05/03/2012 08:04 AM |

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|------|---------|-------------|----------|--|------------------|---------------------|
| 5594 | Bug     | New         | Normal   | use input and output port icons in Items of Interest   | Derik Barseghian | 04/28/2012 04:29 PM |
| 5593 | Bug     | New         | Normal   | use setDefaultWidth in actors  | Derik Barseghian | 04/28/2012 03:05 PM |
| 5591 | Bug     | New         | Normal   | Workflow Run Manager error downloading run for which module dependencies not satisfied                 | Derik Barseghian | 04/28/2012 10:45 AM |
| 5590 | Bug     | New         | Normal   | RExpression forces pdf if 'automatically show graphics' is checked                                     | ben leinfelder   | 08/21/2015 04:16 PM |
| 5586 | Bug     | New         | Normal   | Get newest version of local files in EML actor   | Jing Tao         | 08/19/2015 10:39 AM |
| 5585 | Bug     | New         | Normal   | Add date format E MMM d HH:mm:ss zzz yyyy to DateToString  | Derik Barseghian | 04/11/2012 03:55 PM |
| 5584 | Bug     | New         | Normal   | Create a Date To Long actor  | Derik Barseghian | 04/11/2012 03:50 PM |
| 5583 | Bug     | New         | Normal   | Sensor Simulator controllable through Kepler   | Derik Barseghian | 08/30/2012 06:03 PM |
| 5582 | Bug     | New         | Normal   | DataTurbine server crashing the JRE  | Derik Barseghian | 07/27/2012 04:06 PM |
| 5581 | Bug     | New         | Normal   | Make UI improvements to Components Download  | Derik Barseghian | 08/19/2015 10:41 AM |
| 5577 | Bug     | New         | Normal   | EML 2 Dataset actor EML File and Data File parameters should accept URLs                               | Jing Tao         | 08/19/2015 10:39 AM |
| 5559 | Bug     | New         | Normal   | Curation Package User Manual PDF   | Ilkay Altintas   | 11/30/2011 05:16 PM |
| 5558 | Bug     | New         | Normal   | Add kepler-tasks target to build.xml and use depend in kepler-tasks.xml                                | Derik Barseghian | 11/30/2011 07:52 AM |
| 5557 | Bug     | New         | Normal   | Replace hardcoded path separator with File.pathSeparator   | Derik Barseghian | 01/09/2012 05:50 PM |
| 5556 | Bug     | New         | Normal   | Add key bind to GUI to avoid connecting edge prematurely   | Derik Barseghian | 11/29/2011 09:43 AM |
| 5555 | Bug     | New         | Normal   | Add reverse index in ArrayElement  | Derik Barseghian | 11/29/2011 09:25 AM |
| 5554 | Bug     | In Progress | Normal   | Build system doesn't recompile using dependencies by default   | Derik Barseghian | 01/11/2012 12:26 PM |
| 5541 | Bug     | New         | Normal   | Kepler crashes on startup with NoClassDefFoundError  | Derik Barseghian | 11/15/2011 11:38 PM |
| 5538 | Bug     | New         | Normal   | Eclipse uses different .class files from ant run   | Derik Barseghian | 11/12/2011 06:56 PM |
| 5511 | Bug     | New         | Normal   | If Kepler-2.2 is running, then opening a .kar in Kepler trunk produces exceptions                      | Derik Barseghian | 10/17/2011 11:01 AM |
| 5510 | Bug     | New         | Normal   | On Ubuntu, Kepler can disappear from the dock while still running                                      | Derik Barseghian | 08/19/2015 10:47 AM |
| 5483 | Bug     | New         | Normal   | Another Kepler GUI will nuke the ~/.kepler/cache generated by the kepler in workflow run engine        | David Welker     | 09/08/2011 09:14 AM |
| 5482 | Bug     | New         | Normal   | Module manager should run patch checker before restart   | David Welker     | 09/22/2011 06:40 PM |
| 5474 | Bug     | New         | Normal   | Make the eml actor on kepler handle multiple physical representations in an entity                     | David Welker     | 08/19/2011 09:27 AM |
| 5444 | Bug     | In Progress | Normal   | Kepler can't run workflow if two instances exist at same time  | Daniel Crawl     | 08/23/2015 02:26 PM |
| 5435 | Bug     | New         | Normal   | passing string into a parameter for headless execution doesn't work                                    | David Welker     | 06/30/2011 04:53 PM |
| 5429 | Bug     | New         | Normal   | improve default provenance store performance   | Daniel Crawl     | 11/30/2011 12:59 PM |
| 5425 | Bug     | New         | Normal   | error when running -nocache and no .kepler   | Derik Barseghian | 06/11/2012 01:37 PM |
| 5423 | Bug     | New         | Normal   | Put kepler-server war file and kepler executatlb as part of normal installation procedure              | Derik Barseghian | 03/26/2012 01:19 PM |
| 5413 | Bug     | New         | Normal   | large run deletion via the WRM with hsql provenance store takes a very long time and no gui feedback   | Derik Barseghian | 11/30/2011 12:54 PM |
| 5401 | Bug     | New         | Normal   | Workflow archiving dataturbine data to metacat should check the last archiving time through repository | Derik Barseghian | 05/12/2011 02:14 PM |
| 5400 | Bug     | New         | Normal   | User can specify the interval of data chunk in the workflow archiving dataturbine data to metacat      | Derik Barseghian | 04/26/2012 02:01 PM |

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|------|---------|-------------|----------|--|------------------|---------------------|
| 5377 | Bug     | New         | Normal   | DataTurbine actor fetch time outs (blockTimeout param not used?)   | Derik Barseghian | 08/30/2012 05:34 PM |
| 5364 | Bug     | New         | Normal   | DataTurbine server memory error  | Derik Barseghian | 03/26/2012 01:03 PM |
| 5363 | Bug     | New         | Normal   | spanTodt performance   | Derik Barseghian | 08/30/2012 05:34 PM |
| 5362 | Bug     | New         | Normal   | Create a GUI so user can easily archive a senosr's data from a dataturbine to a metacat  | Jing Tao         | 05/30/2012 09:03 AM |
| 5357 | Bug     | New         | Normal   | invocation problems with Distributed Composite Actor Options dialog  | jianwu jianwu    | 03/24/2011 06:12 PM |
| 5354 | Bug     | New         | Normal   | Integrate Kepler Wiki Into Kepler Help   | Ilkay Altintas   | 06/15/2012 12:19 PM |
| 5347 | Bug     | New         | Normal   | DataTurbine actor should support Start Time with sub-second accuracy   | Derik Barseghian | 03/28/2011 03:51 PM |
| 5344 | Bug     | New         | Normal   | Kepler ships open source software and needs to include license files   | David Welker     | 03/09/2011 08:28 AM |
| 5343 | Feature | New         | Normal   | Add optional Console view  | Daniel Crawl     | 08/16/2015 06:02 PM |
| 5341 | Bug     | New         | Normal   | Belkin f5u409 usb=>serial dongle periodically stops working  | Derik Barseghian | 08/30/2012 05:34 PM |
| 5340 | Bug     | New         | Normal   | Miss a dollar sing (\$) when an actor references a parameter.  | Ilkay Altintas   | 03/04/2011 03:15 PM |
| 5339 | Bug     | New         | Normal   | In Database Query actor, the output port will be string type if you choose the output type to be "record"  | David Welker     | 03/03/2011 06:10 PM |
| 5338 | Bug     | New         | Normal   | In Database Query actor, the output behavior will be different if there is no result set found when you check or uncheck outputEachRowSeparately                             | David Welker     | 03/03/2011 06:02 PM |
| 5336 | Bug     | New         | Normal   | If a user chooses "no metadata" as output format in Database Query actor, the query result only shows one column no matter the query specifies to select two or more columns | David Welker     | 03/03/2011 05:47 PM |
| 5333 | Bug     | New         | Normal   | 2.2 rc3: getenv("") doesn't work for mac installation.   | Daniel Crawl     | 08/21/2015 04:03 PM |
| 5330 | Bug     | New         | Normal   | Workflow Run Manager - include provenance trace file in run-kar  | Derik Barseghian | 07/14/2011 12:28 PM |
| 5329 | Bug     | New         | Normal   | Workflow Run Manager - launch Provenance Browser from run-row  | Derik Barseghian | 02/28/2011 06:50 PM |
| 5327 | Bug     | New         | Normal   | Need to fix documentation system   | Ilkay Altintas   | 02/25/2011 03:38 PM |
| 5314 | Bug     | New         | Normal   | Closing last workflow window closes Kepler application   | David Welker     | 02/18/2011 05:58 AM |
| 5313 | Bug     | New         | Normal   | fix Import Sensor Site and Export Site to KML menu item issues   | Derik Barseghian | 03/27/2012 02:13 PM |
| 5307 | Bug     | New         | Normal   | Report designer - fix drag and drop outline sizes  | Derik Barseghian | 02/14/2011 02:31 PM |
| 5306 | Bug     | New         | Normal   | Report designer - make dynamic report item label textfields smaller  | Derik Barseghian | 02/14/2011 02:24 PM |
| 5305 | Bug     | New         | Normal   | Report designer - make north and south dynamic item labels left justified  | Derik Barseghian | 02/14/2011 02:21 PM |
| 5304 | Bug     | New         | Normal   | Report designer - make "+ Get Image..." button much smaller  | Derik Barseghian | 02/14/2011 02:16 PM |
| 5299 | Bug     | New         | Normal   | can't drag using report designer item icons  | Derik Barseghian | 02/09/2011 12:25 PM |
| 5298 | Bug     | New         | Normal   | rendered west and east dynamic item label problems   | Derik Barseghian | 02/09/2011 12:16 PM |
| 5290 | Bug     | New         | Normal   | originModule not always set  | Daniel Crawl     | 08/23/2015 02:23 PM |
| 5289 | Bug     | In Progress | Normal   | Change report instance margins from transparent to white   | Derik Barseghian | 02/14/2011 02:27 PM |
| 5285 | Bug     | New         | Normal   | NPE on restart using newly created suite   | David Welker     | 01/31/2011 02:00 PM |
| 5284 | Bug     | New         | Normal   | Set uploadToServer to be true at configuration.xml   | Derik Barseghian | 01/28/2011 02:18 PM |
| 5281 | Bug     | New         | Normal   | cannot open 1.0 KARs   | Ilkay Altintas   | 06/15/2012 11:40 AM |

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|------|---------|-------------|-----------|---|------------------|---------------------|
| 5276 | Bug     | New         | Normal    | component search performance is poor  | Jing Tao         | 08/19/2015 10:41 AM |
| 5271 | Bug     | New         | Normal    | No-gui mode needs a way to access private data source   | David Welker     | 01/12/2011 02:10 PM |
| 5269 | Bug     | New         | Normal    | Selectordialog and Case actors do not work well together  | David Welker     | 01/07/2011 05:07 AM |
| 5268 | Bug     | New         | Normal    | Dragging modified version of Sinewave actor to canvas causes gui oddity                             | David Welker     | 01/05/2011 05:14 PM |
| 5267 | Bug     | New         | Normal    | Changing a ptolemy.kernel.util.Attribute in Kepler gui doesn't work                                 | David Welker     | 01/05/2011 05:04 PM |
| 5258 | Bug     | New         | Normal    | kepler start exception when soft links are in KeplerData/workflows/MyWorkflows                      | David Welker     | 01/19/2011 12:41 PM |
| 5252 | Bug     | In Progress | Normal    | Plotting bugs   | Derik Barseghian | 06/22/2012 04:31 PM |
| 5249 | Bug     | In Progress | Immediate | test kepler for memory leaks  | jianwu jianwu    | 08/23/2015 02:28 PM |
| 5210 | Bug     | New         | Normal    | Focus stolen from user trying to drag components around during execution                            | Daniel Crawl     | 08/24/2012 01:59 PM |
| 5202 | Bug     | In Progress | Normal    | update existing site layout with span changes   | Derik Barseghian | 08/30/2012 05:34 PM |
| 5195 | Bug     | New         | Normal    | Help   Module Documentation is empty  | David Welker     | 09/29/2010 10:21 AM |
| 5192 | Bug     | New         | Normal    | Module Manager reacts badly to dot files in resources/configuration directory                       | Chad Berkley     | 09/29/2010 08:16 AM |
| 5189 | Bug     | New         | Normal    | When File -> Exit is choosen Kepler closes all workflows without warning                            | Chad Berkley     | 09/22/2010 08:56 AM |
| 5187 | Bug     | New         | Normal    | GUI should make apparent unsaved changes  | Chad Berkley     | 10/01/2010 12:54 PM |
| 5177 | Bug     | New         | Normal    | Enhance displaying workflow in kepler server library skin   | Chad Berkley     | 09/15/2010 05:43 PM |
| 5175 | Bug     | New         | Normal    | Fix remaining issues with exporting multiple runs into one KAR                                      | Derik Barseghian | 09/13/2010 12:14 PM |
| 5173 | Bug     | New         | Normal    | Develop clear criteria for when code in Kepler CORE should be in its own module.                    | Ilkay Altintas   | 06/15/2012 12:27 PM |
| 5171 | Bug     | New         | Normal    | link workflow in components tree to workflow in scheduler view                                      | Daniel Crawl     | 03/28/2011 03:33 PM |
| 5170 | Bug     | New         | Normal    | uploading a workflow requires a refresh   | Derik Barseghian | 08/17/2015 08:56 AM |
| 5163 | Bug     | New         | Normal    | Items of Interest pane in reporting cannot be used when a sensor site is executing                  | Derik Barseghian | 08/27/2010 02:41 PM |
| 5162 | Bug     | New         | Normal    | Kepler quits with JVM error (no use-case for reproducing error)                                     | Chad Berkley     | 08/27/2010 10:30 AM |
| 5155 | Bug     | New         | Normal    | To exclude a file or directory requires updating at least four places, only one should be necessary | Chad Berkley     | 08/18/2010 03:54 PM |
| 5153 | Bug     | New         | Normal    | Save As... closes all windows associated with a workflow  | Derik Barseghian | 08/23/2015 02:26 PM |
| 5152 | Bug     | New         | Normal    | Errors when saving more than one actors in a kar.   | Chad Berkley     | 08/16/2010 04:45 PM |
| 5151 | Bug     | New         | Normal    | kar files are not openable if they are generated from actors.                                       | Chad Berkley     | 08/16/2010 04:29 PM |
| 5150 | Bug     | New         | Normal    | errors to save an actor as kar if its name has forward slash ('/').                                 | Chad Berkley     | 08/16/2010 03:32 PM |
| 5149 | Bug     | New         | Normal    | kar file saving problems.   | Chad Berkley     | 09/21/2010 03:16 PM |
| 5148 | Bug     | New         | Normal    | Remove println from XSLTActor   | Chad Berkley     | 08/16/2010 09:09 AM |
| 5129 | Bug     | In Progress | Normal    | adding and removing configuration properties could be made easier                                   | Derik Barseghian | 03/19/2013 03:59 PM |
| 5123 | Bug     | New         | Normal    | Create an ant task to display commits since last patch of a given module                            | David Welker     | 08/04/2010 12:19 PM |
| 5122 | Bug     | New         | Normal    | Develop an approval process for patches   | David Welker     | 12/09/2010 03:34 PM |
| 5120 | Bug     | New         | Normal    | Provide a toggle for automatic updates  | David Welker     | 01/27/2011 12:26 PM |
| 5116 | Bug     | In Progress | Normal    | add lat/lon to sensor metadata and use during import  | Daniel Crawl     | 03/28/2011 03:26 PM |

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|------|---------|-------------|-----------|--|------------------|---------------------|
| 5095 | Bug     | In Progress | Immediate | test kepler and wrp for memory leaks   | jianwu jianwu    | 04/22/2011 02:52 PM |
| 5090 | Bug     | New         | Normal    | Report Layout interface is confusing wrt locking and switching to old layouts                  | Derik Barseghian | 07/07/2011 01:30 PM |
| 5086 | Bug     | New         | Normal    | Report instance does not show in viewer after kar open   | Derik Barseghian | 07/09/2010 01:15 PM |
| 5081 | Bug     | New         | Normal    | A system for adding and removing GUI menus.  | Chad Berkley     | 07/07/2010 10:26 AM |
| 5076 | Bug     | New         | Normal    | Minimize the number of files downloaded from the Ptolemy repository.                           | David Welker     | 07/07/2010 10:37 AM |
| 5075 | Bug     | New         | Normal    | Fix the module manager so it can show docs with any name.                                      | David Welker     | 07/14/2010 10:27 AM |
| 5069 | Bug     | New         | Normal    | The ability to create user manuals from a wiki that is continuously updated.                   | David Welker     | 07/22/2010 10:52 AM |
| 5068 | Bug     | New         | Normal    | Investigate jars (why they are necessary) and upgrade whenever possible.                       | David Welker     | 07/07/2010 10:27 AM |
| 5067 | Bug     | New         | Normal    | The introduction of basic services so that module names are not referenced.                    | David Welker     | 07/07/2010 10:22 AM |
| 5064 | Bug     | New         | Normal    | Kepler 2.1 Tracking Bug  | David Welker     | 07/09/2010 03:58 PM |
| 5048 | Bug     | In Progress | Normal    | Can't clean (or do other build system operations) offline                                      | David Welker     | 06/14/2010 02:57 PM |
| 5045 | Bug     | In Progress | Normal    | Add a menu to add and configure new remote kepler servers                                      | Derik Barseghian | 03/28/2011 05:10 PM |
| 5036 | Bug     | New         | Normal    | All workflows that do not work should be moved.  | Chad Berkley     | 05/28/2010 11:30 AM |
| 5030 | Bug     | New         | Normal    | RExpression2 actor will fail if the libs are not found   | ben leinfelder   | 05/27/2010 02:14 PM |
| 5027 | Bug     | New         | Normal    | Users should be able to build installers for the Kepler-2.0 branch                             | Chad Berkley     | 05/24/2010 02:22 PM |
| 5018 | Bug     | New         | Normal    | Items with the same LSID show with the same name in the Components Library                     | Chad Berkley     | 05/19/2010 04:36 PM |
| 5012 | Bug     | New         | Normal    | highlighted OK button in 'Animate at runtime ...' menu item does not work.                     | Chad Berkley     | 05/15/2010 11:18 AM |
| 4995 | Bug     | In Progress | Normal    | ant installer fails under Linux  | Chad Berkley     | 11/20/2012 06:08 PM |
| 4981 | Bug     | In Progress | Normal    | RIO pdfs don't show up in the Component Library  | Derik Barseghian | 02/04/2011 03:26 PM |
| 4978 | Bug     | In Progress | Normal    | Create additional 'module' property for any menu entries that are inserted by non-core modules | Derik Barseghian | 08/23/2015 02:23 PM |
| 4953 | Bug     | In Progress | Normal    | Remote Components category sticks around sometimes   | Derik Barseghian | 08/17/2015 08:56 AM |
| 4934 | Bug     | New         | Normal    | Certain non-user triggered actor icon changes are not reflected immediately in the zoom widget | Chad Berkley     | 04/06/2010 01:58 PM |
| 4933 | Bug     | New         | Normal    | Improve solution to avoid ConcurrentModificationException when tagging more than 1 run         | Derik Barseghian | 06/20/2011 04:27 PM |
| 4930 | Bug     | New         | Normal    | Failing to download a dependent module still indicates success                                 | David Welker     | 04/05/2010 05:10 PM |
| 4920 | Bug     | New         | Normal    | dynamically change toolbar buttons   | Daniel Crawl     | 03/28/2011 05:11 PM |
| 4919 | Bug     | New         | Normal    | tag removal sends two tagRemoved events through provenance                                     | Sean Riddle      | 04/12/2010 01:31 PM |
| 4909 | Bug     | New         | Normal    | Actor documentation: updates ignored, duplicate info, how to refer to other actors/models?     | Ilkay Altintas   | 03/29/2010 02:15 PM |
| 4908 | Bug     | New         | Normal    | actor/director/attribute .xml file documentation needs to be updated                           | Daniel Crawl     | 08/18/2012 06:24 PM |
| 4897 | Bug     | New         | Normal    | Arrow key navigation of Workflow Run Manager can stop working                                  | Derik Barseghian | 04/26/2010 03:44 PM |
| 4887 | Bug     | New         | Normal    | If a module is added to a configuration, the error message should include the fix              | Chad Berkley     | 03/17/2010 03:15 PM |
| 4883 | Bug     | New         | Immediate | Need more command line options for kar files   | Chad Berkley     | 03/15/2010 03:34 PM |
| 4881 | Bug     | New         | Normal    | RExpression outputs [false] for any matrix of booleans   | ben leinfelder   | 03/12/2010 10:53 AM |
| 4880 | Bug     | New         | Normal    | RExpression cannot output matrix of strings  | ben leinfelder   | 03/12/2010 10:54 AM |

| #    | Tracker | Status      | Priority  | Subject   | Assignee         | Updated             |
|------|---------|-------------|-----------|---|------------------|---------------------|
| 4879 | Bug     | New         | Normal    | RExpression replaces ) in string vectors with } when outputting to a port               | ben leinfelder   | 03/12/2010 10:37 AM |
| 4876 | Bug     | New         | Normal    | RExpression - recursively handle arrays   | ben leinfelder   | 03/11/2010 03:25 PM |
| 4870 | Bug     | New         | Normal    | searching for packages with the same name from multiple sources sometimes loses results | Chad Berkley     | 03/04/2010 02:23 PM |
| 4869 | Bug     | In Progress | Normal    | changes made to workflows during dialogs before committing (Edit Parameters/Cancel)     | ben leinfelder   | 05/25/2010 11:52 AM |
| 4859 | Bug     | In Progress | Normal    | GDALTranslate does not work on Windows 7 (64bit)  | Chad Berkley     | 03/09/2010 04:05 PM |
| 4829 | Bug     | New         | Normal    | User log4j files  | Derik Barseghian | 02/23/2010 06:22 PM |
| 4827 | Bug     | New         | Normal    | RExpression does not handle matrix tokens correctly.                                    | Chad Berkley     | 06/24/2011 02:40 PM |
| 4815 | Bug     | New         | Normal    | Need a target to build kepler-styles.jar  | Chad Berkley     | 02/19/2010 01:08 PM |
| 4812 | Bug     | New         | Normal    | local repository KAR [right click]->Delete fails when file does not exist               | Chad Berkley     | 02/18/2010 05:18 PM |
| 4811 | Bug     | In Progress | Normal    | No "Get Metadata" item on right-click menu after dragging an EML actor to the canvas    | Chad Berkley     | 03/04/2010 09:19 AM |
| 4810 | Bug     | New         | Normal    | [right click]->Save Archive (KAR) on composite actor borks port attributes              | Chad Berkley     | 02/18/2010 01:40 PM |
| 4809 | Bug     | New         | Normal    | Kepler storing authenticated search results   | Jing Tao         | 02/18/2010 12:51 PM |
| 4806 | Bug     | New         | Normal    | add output port to Throw Exception  | Chad Berkley     | 02/17/2010 04:11 PM |
| 4801 | Bug     | In Progress | Normal    | out of memory   | jianwu jianwu    | 08/23/2015 02:29 PM |
| 4795 | Bug     | New         | Normal    | RExpression & cache cleaning  | Chad Berkley     | 02/12/2010 05:29 PM |
| 4785 | Bug     | New         | Immediate | move cache object from 1.0 to 2.0   | Chad Berkley     | 02/11/2010 01:59 PM |
| 4783 | Bug     | New         | Normal    | Standardize workflow parsing to get parameters  | jianwu jianwu    | 02/09/2010 03:56 PM |
| 4773 | Bug     | New         | Normal    | Data processing on the GPP  | Daniel Crawl     | 03/28/2011 03:22 PM |
| 4764 | Bug     | New         | Immediate | ProvenanceRecorder.changeExecuted slow after workflow run                               | Daniel Crawl     | 02/17/2010 10:03 AM |
| 4763 | Bug     | New         | Normal    | create gui to access datalogger program   | Derik Barseghian | 04/26/2012 10:16 PM |
| 4758 | Bug     | New         | Normal    | search for site components in kepler's data tab   | Jing Tao         | 03/26/2012 01:22 PM |
| 4750 | Bug     | New         | Normal    | create wiring table gui   | Daniel Crawl     | 03/28/2011 03:10 PM |
| 4749 | Bug     | New         | Normal    | run google earth within kepler gui  | Daniel Crawl     | 03/28/2011 05:11 PM |
| 4747 | Bug     | New         | Normal    | import & export site layout to SensorML   | Daniel Crawl     | 03/28/2011 03:09 PM |
| 4746 | Bug     | In Progress | Normal    | ability to create a Site Layout report  | Derik Barseghian | 03/26/2012 01:35 PM |
| 4741 | Bug     | New         | Normal    | create icons for engineering view components  | Daniel Crawl     | 05/25/2011 04:19 PM |
| 4740 | Bug     | New         | Normal    | Create Ontology_Catalog sql table in the CORE persistent database                       | Aaron Aaron      | 02/10/2010 03:11 PM |
| 4736 | Bug     | New         | Normal    | RFE speed up Suggest Similar Components feature   | Derik Barseghian | 02/04/2010 02:28 PM |
| 4735 | Bug     | New         | Immediate | Allow params to be passed to ConfigurationManager from the command line                 | Chad Berkley     | 02/04/2010 12:48 PM |
| 4706 | Bug     | New         | Normal    | support provenance in master-slave 2.0  | jianwu jianwu    | 06/18/2010 10:45 AM |
| 4700 | Bug     | In Progress | Normal    | Reminder Update Wiki information to reflect Kepler 2.0 release.                         | debi staggs      | 06/16/2010 03:57 PM |
| 4699 | Bug     | In Progress | Low       | Reminder Bug Update FAQ to reflect Kepler 2.0 release                                   | debi staggs      | 06/16/2010 03:57 PM |
| 4693 | Bug     | In Progress | Normal    | Ability to save just a report instance  | Derik Barseghian | 07/14/2011 12:33 PM |

| #    | Tracker | Status      | Priority  | Subject   | Assignee         | Updated             |
|------|---------|-------------|-----------|---|------------------|---------------------|
| 4674 | Bug     | New         | Normal    | WorkflowRunManager search cells are catching tab keys wherever they occur                 | Derik Barseghian | 01/14/2010 06:02 PM |
| 4667 | Bug     | In Progress | Low       | New documentation on modules and extension points for modules                             | debi staggs      | 06/16/2010 03:57 PM |
| 4642 | Bug     | New         | Normal    | memory usage & slowdowns  | jianwu jianwu    | 08/23/2015 02:28 PM |
| 4639 | Bug     | New         | Low       | add support for -Drev to ant change-to  | Chad Berkley     | 01/13/2010 02:12 PM |
| 4613 | Bug     | New         | Normal    | EML 2 Dataset automatically updating to latest package doesn't trigger "workflow change"  | Chad Berkley     | 11/10/2011 07:54 PM |
| 4604 | Bug     | In Progress | Normal    | Make aesthetic changes to tagging interface   | Sean Riddle      | 02/04/2011 03:33 PM |
| 4591 | Bug     | New         | Normal    | ImageJ creating folders based on file paths from prior executions saved in the MOML       | Chad Berkley     | 01/13/2010 02:18 PM |
| 4589 | Bug     | New         | Normal    | Workflow Run Manager - tagging causes row(s) to unhighlight                               | Derik Barseghian | 01/13/2010 02:22 PM |
| 4584 | Bug     | New         | Normal    | CacheManager.getObject(KeplerLSID Isid) returns an object with the wrong LSID             | Aaron Aaron      | 01/27/2010 05:11 PM |
| 4577 | Bug     | New         | Normal    | integrate, and separate from save/export, the code for Uploading                          | Derik Barseghian | 02/11/2010 04:32 PM |
| 4564 | Bug     | New         | Normal    | Model Reference throws error with workflows in the same folder, but still functions       | Daniel Crawl     | 01/13/2010 02:23 PM |
| 4561 | Bug     | New         | Normal    | icon overlays not showing up for actors in the components tree                            | Chad Berkley     | 01/13/2010 04:05 PM |
| 4549 | Bug     | In Progress | Normal    | String Replace actor "remembers" previous execution values                                | ben leinfelder   | 01/14/2010 10:08 AM |
| 4533 | Bug     | In Progress | Normal    | printing from the report viewer prints the workflow editor content                        | debi staggs      | 05/13/2010 03:12 PM |
| 4532 | Bug     | New         | Normal    | have to manually click Build to rename repositories                                       | Chad Berkley     | 01/13/2010 02:16 PM |
| 4519 | Bug     | New         | Normal    | SDF Director cannot schedule when composite actor input port is disconnected              | Chad Berkley     | 01/13/2010 02:18 PM |
| 4480 | Bug     | In Progress | Normal    | can't view more than one of workflow editor, report designer, and report viewer at a time | debi staggs      | 05/13/2010 01:47 PM |
| 4478 | Bug     | New         | Normal    | Configuring ports   | Chad Berkley     | 01/13/2010 02:14 PM |
| 4458 | Bug     | New         | Normal    | test for moving kepler directory  | Derik Barseghian | 02/11/2010 04:33 PM |
| 4434 | Bug     | New         | Normal    | Workflow Run Manager - add ability to hide/show columns                                   | Derik Barseghian | 01/13/2010 02:19 PM |
| 4431 | Bug     | New         | Normal    | Export Archive actions should share code where possible                                   | Derik Barseghian | 01/13/2010 02:31 PM |
| 4429 | Bug     | New         | Normal    | EML 2 Dataset requires File Extension Filter parameter                                    | Jing Tao         | 01/13/2010 02:21 PM |
| 4407 | Bug     | New         | Normal    | RExpression problems with named non-numeric vectors                                       | ben leinfelder   | 01/13/2010 02:34 PM |
| 4404 | Bug     | New         | Normal    | DataTurbine actor - instantiating actor without internet gives error msg                  | Derik Barseghian | 01/13/2010 02:22 PM |
| 4371 | Bug     | New         | Normal    | pipe highlighting under "Animate at Runtime"  | Chad Berkley     | 02/10/2012 12:19 AM |
| 4363 | Bug     | New         | Normal    | wrm does not properly handle ModelReference actor   | Derik Barseghian | 09/03/2009 02:12 PM |
| 4361 | Bug     | New         | Normal    | Workflow Run Manager column "Workflow Name" can be confusing                              | Derik Barseghian | 04/26/2010 03:43 PM |
| 4360 | Bug     | New         | Normal    | Kepler gets slow under XP   | Chad Berkley     | 01/13/2010 02:27 PM |
| 4358 | Bug     | New         | Normal    | variable setter seems to lock Kepler in the wrapping up stage of a workflow               | Chad Berkley     | 01/13/2010 02:33 PM |
| 4354 | Bug     | New         | Normal    | Enable the build system to work on multiple SCM systems.                                  | Chad Berkley     | 10/29/2009 01:25 PM |
| 4341 | Bug     | New         | Immediate | rearrange the actors module into smaller modules  | Chad Berkley     | 01/13/2010 03:28 PM |
| 4339 | Bug     | New         | Normal    | build system needs to provide more information on modules                                 | Chad Berkley     | 10/29/2009 01:25 PM |
| 4328 | Bug     | New         | Immediate | change-to command checks out across branches  | Chad Berkley     | 02/11/2010 05:07 AM |



| #    | Tracker | Status      | Priority  | Subject   | Assignee           | Updated             |
|------|---------|-------------|-----------|---|--------------------|---------------------|
| 4327 | Bug     | New         | Normal    | Workflow Run Manager - ability to import run archives   | Derik Barseghian   | 04/26/2010 03:45 PM |
| 4323 | Bug     | In Progress | Low       | Add the "send to back" menu to kepler   | Daniel Crawl       | 08/28/2009 10:54 AM |
| 4310 | Bug     | New         | Immediate | ValueListeners receive valueChanged events when values have not changed                                   | Daniel Crawl       | 01/13/2010 03:28 PM |
| 4306 | Bug     | In Progress | Normal    | add command line params to the configuration  | Christopher Brooks | 08/17/2009 08:42 AM |
| 4300 | Bug     | New         | Normal    | Animate at Runtime" checkbox stays checked when director is replaced                                      | Timothy McPhillips | 08/26/2009 02:30 PM |
| 4299 | Bug     | New         | Normal    | Kepler needs to be evaluated to determine when native (AWT) widgets would be preferable to Swing widgets. | Chad Berkley       | 08/27/2009 02:57 PM |
| 4298 | Bug     | New         | Normal    | The GUI should sensibly support internalization.  | Chad Berkley       | 08/26/2009 02:53 PM |
| 4296 | Bug     | New         | Normal    | All open Kepler windows should be visible from a Window menu item.  | Chad Berkley       | 08/26/2009 03:25 PM |
| 4295 | Bug     | New         | Normal    | Create advanced toolbar support.  | Chad Berkley       | 08/27/2009 02:55 PM |
| 4294 | Bug     | New         | Normal    | Kepler should meet established accessibility guidelines.  | Chad Berkley       | 08/26/2009 02:43 PM |
| 4293 | Bug     | New         | Normal    | Run, Pause, and Stop should be in the menu, not just the toolbar.   | Chad Berkley       | 08/26/2009 02:53 PM |
| 4292 | Bug     | New         | Normal    | Menu items should display the same icon as buttons with the same functionality.                           | Chad Berkley       | 08/26/2009 06:50 PM |
| 4291 | Bug     | New         | Normal    | The main menu bar should not change based on the location of focus.                                       | Chad Berkley       | 08/26/2009 03:06 PM |
| 4290 | Bug     | In Progress | Immediate | Separate the GUI from the execution engine.   | Chad Berkley       | 08/26/2009 03:23 PM |
| 4289 | Bug     | New         | Normal    | Develop strategy for using assertions in the GUI  | Chad Berkley       | 08/27/2009 02:33 PM |
| 4288 | Bug     | New         | Normal    | Develop GUI error handling strategy.  | Chad Berkley       | 08/27/2009 02:32 PM |
| 4287 | Bug     | In Progress | Immediate | Separate user error messages from developer error messages.   | Chad Berkley       | 02/10/2012 12:19 AM |
| 4285 | Bug     | New         | Normal    | workflow canvas does not repack to fill empty space when top window is resized                            | Timothy McPhillips | 01/13/2010 03:57 PM |
| 4281 | Bug     | In Progress | Normal    | ant update produces message about running svn cleanup   | Christopher Brooks | 08/30/2015 04:13 PM |
| 4273 | Bug     | New         | Normal    | Ctrl+E operates on mouse position, not selection  | Chad Berkley       | 10/29/2009 01:30 PM |
| 4268 | Bug     | New         | Normal    | RExpression output ports search entire search path for objects to export                                  | Chad Berkley       | 08/12/2009 03:25 PM |
| 4260 | Bug     | New         | Immediate | Add a test suite for the build system   | Chad Berkley       | 01/07/2010 07:40 PM |
| 4254 | Bug     | New         | Normal    | wrapping up, never ending workflow! (PN inside PN)  | Christopher Brooks | 07/20/2009 05:51 PM |
| 4246 | Bug     | In Progress | Immediate | Reorganize code in util, core and gui modules   | Chad Berkley       | 10/29/2009 01:13 PM |
| 4240 | Bug     | In Progress | Normal    | Report Designer - Menus with Copy, Cut, and Paste as related to Text Fields / Section Headers             | debi staggs        | 05/13/2010 03:11 PM |
| 4219 | Bug     | New         | Normal    | "Kepler Repositories" should be retrieved from the registry   | ben leinfelder     | 08/26/2009 02:28 PM |
| 4216 | Bug     | New         | Normal    | Problems with the File to Array converter   | Chad Berkley       | 08/12/2009 03:31 PM |
| 4203 | Bug     | In Progress | Normal    | use port parameters in web service actors   | Daniel Crawl       | 08/26/2009 03:56 PM |
| 4168 | Bug     | New         | Normal    | User documentation creates bloat in workflows   | Chad Berkley       | 07/13/2009 04:09 PM |
| 4162 | Bug     | New         | Normal    | using the alt key makes menus appear in strange places on OSX   | Chad Berkley       | 08/26/2009 02:55 PM |
| 4153 | Bug     | In Progress | Immediate | report-overrides  | David Welker       | 02/25/2010 05:22 AM |
| 4139 | Bug     | In Progress | Low       | port names are displayed twice  | Chad Berkley       | 09/23/2009 08:25 AM |

| #    | Tracker | Status      | Priority  | Subject  | Assignee           | Updated             |
|------|---------|-------------|-----------|--|--------------------|---------------------|
| 4138 | Bug     | New         | Normal    | Workflow Run Manager - search cell edit focus isn't lost appropriately                                       | Derik Barseghian   | 08/31/2009 05:07 PM |
| 4137 | Bug     | New         | Normal    | Workflow Run Manager - resizing width of column while in edit mode of search cell does not resize edit field | Derik Barseghian   | 08/31/2009 05:06 PM |
| 4132 | Bug     | New         | Normal    | Workflow Run Manager - Open in New Window is just opening the workflow, not the ROML or report               | Derik Barseghian   | 11/13/2009 07:23 PM |
| 4131 | Bug     | New         | Normal    | Workflow Run Manager - Open in New Window allows opening same wf multiple times                              | Derik Barseghian   | 08/31/2009 05:06 PM |
| 4113 | Bug     | New         | Normal    | Kepler changes property position in XML but keeps values   | Chad Berkley       | 08/12/2009 03:16 PM |
| 4112 | Bug     | New         | Normal    | make kepler use OSX dialog boxes   | Chad Berkley       | 06/27/2012 10:44 AM |
| 4108 | Bug     | In Progress | Normal    | Do more extensive testing before designating a revision of Ptolemy as stable                                 | David Welker       | 01/08/2010 10:19 AM |
| 4104 | Bug     | New         | Normal    | Need resource manager to handle objects in the resources directories   | Chad Berkley       | 08/26/2009 03:59 PM |
| 4097 | Bug     | New         | Normal    | here are some new svg icons for actors   | Chad Berkley       | 10/29/2009 01:24 PM |
| 4095 | Bug     | New         | Normal    | Java Package Ontology (e.g. to facilitate Ptolemy component access)  | Timothy McPhillips | 08/12/2009 03:28 PM |
| 4087 | Bug     | New         | Normal    | No reset/x button to clear component searches  | Derik Barseghian   | 01/13/2010 04:01 PM |
| 4057 | Bug     | New         | Normal    | UserInteractiveShell message   | Chad Berkley       | 08/12/2009 03:32 PM |
| 4056 | Bug     | New         | Normal    | create developer documentation for svn configuration.  | Chad Berkley       | 01/20/2010 08:02 PM |
| 4052 | Bug     | New         | Immediate | Should be able to store native libraries in a kar file   | Chad Berkley       | 05/04/2009 02:50 PM |
| 4049 | Bug     | New         | Normal    | Import actor that already exists appends strange numbering scheme  | Derik Barseghian   | 07/03/2013 04:56 PM |
| 4048 | Bug     | New         | Normal    | Get error message when too much code in single R actor   | Chad Berkley       | 08/12/2009 03:32 PM |
| 4046 | Bug     | New         | Normal    | ComadTest should report more details when detecting an error   | Timothy McPhillips | 05/01/2009 01:05 PM |
| 4041 | Bug     | New         | Normal    | synchronization in matlab actor  | Daniel Crawl       | 04/30/2009 10:28 AM |
| 4040 | Bug     | New         | Normal    | make a new module called globus to host globus actors and needed packages.                                   | jianwu jianwu      | 07/13/2009 04:13 PM |
| 4039 | Bug     | New         | Normal    | matlab actor always stops matlab process in wrapup   | Daniel Crawl       | 05/05/2009 01:33 PM |
| 4035 | Bug     | New         | Normal    | MoMLSimpleApplication does not filter Display actor or any GUI Kepler actors.                                | Chad Berkley       | 07/22/2009 09:39 AM |
| 4012 | Bug     | New         | Low       | update documentation to explain adding actor to library via KAR  | Aaron Aaron        | 01/27/2010 03:43 PM |
| 4010 | Bug     | New         | Normal    | RExpression2 - tracking for backwards compatibility  | ben leinfelder     | 02/23/2010 12:58 PM |
| 4003 | Bug     | New         | Normal    | Support for non-GUI Kepler installer.  | jianwu jianwu      | 05/09/2010 05:12 PM |
| 4002 | Bug     | New         | Normal    | RExpression2 - handle arbitrary R data structures  | ben leinfelder     | 08/18/2009 03:18 PM |
| 3973 | Bug     | New         | Normal    | Additional information for 64-bit users installing 1.0.0   | Chad Berkley       | 08/12/2009 03:22 PM |
| 3944 | Bug     | New         | Normal    | External script editors  | Chad Berkley       | 04/06/2009 10:08 AM |
| 3943 | Bug     | New         | Normal    | error importing more than one actor created in one suite using kepler-1.0                                    | Chad Berkley       | 04/08/2009 11:39 AM |
| 3931 | Bug     | New         | Normal    | Get the R actor working with JNI   | ben leinfelder     | 07/13/2009 04:09 PM |
| 3930 | Bug     | New         | Normal    | error importing hello-world tutorial actor into kepler-1.0 suite   | Chad Berkley       | 04/03/2009 03:18 PM |
| 3921 | Bug     | New         | Immediate | Exported KAR files do not correctly export private classes   | Chad Berkley       | 04/22/2009 03:31 PM |
| 3915 | Bug     | New         | Immediate | The error dialogue won't go away.  | Chad Berkley       | 04/03/2009 01:59 PM |

| #    | Tracker | Status      | Priority | Subject   | Assignee           | Updated             |
|------|---------|-------------|----------|---|--------------------|---------------------|
| 3903 | Bug     | New         | Low      | Use Java logging utilities instead of Apache commons logging facility                 | Chad Berkley       | 04/21/2009 11:13 AM |
| 3899 | Bug     | New         | Normal   | web service actor does not work through proxy   | Chad Berkley       | 04/03/2009 03:18 PM |
| 3803 | Bug     | New         | Low      | Cannot open a workflow through the command prompt, open with, or send to menus        | ben leinfelder     | 04/21/2009 11:13 AM |
| 3802 | Bug     | New         | Normal   | actor icons prevent channel connectors to align straight                              | Chad Berkley       | 04/03/2009 02:18 PM |
| 3785 | Bug     | New         | Normal   | Unclear Java requirements for Kepler installer on Vista 64-bit                        | Chad Berkley       | 04/22/2009 03:39 PM |
| 3774 | Bug     | New         | Normal   | Hello World demo causes UI to become unresponsive and require restart                 | Chad Berkley       | 12/05/2011 06:41 PM |
| 3766 | Bug     | New         | Normal   | Improve menu options in text editor   | Derik Barseghian   | 04/03/2009 03:18 PM |
| 3724 | Bug     | New         | Normal   | composite's ports cannot be renamed from within composite--add context menu?          | Chad Berkley       | 08/07/2009 02:34 PM |
| 3706 | Bug     | New         | Normal   | Add "Open the container" toolbar button   | Derik Barseghian   | 04/03/2009 03:27 PM |
| 3705 | Bug     | New         | Normal   | some actor icons don't denote that they are a composite                               | Derik Barseghian   | 04/03/2009 03:26 PM |
| 3694 | Bug     | In Progress | Normal   | Sharing installation among users fails, users must have write permission              | Jing Tao           | 03/25/2010 03:39 PM |
| 3693 | Bug     | In Progress | Normal   | MultInstanceComposite actor deadlocks sometimes                                       | Chad Berkley       | 04/03/2009 02:18 PM |
| 3671 | Bug     | New         | Normal   | Configurable workspace directory for holding workflows, data, and run products        | Timothy McPhillips | 04/03/2009 03:18 PM |
| 3668 | Bug     | New         | Normal   | Define contents of "Publication Ready Archive"  | Derik Barseghian   | 06/03/2009 12:18 PM |
| 3655 | Bug     | New         | Normal   | create a Workflow Run Manager with ability to export Publication Ready Archives       | Derik Barseghian   | 08/31/2009 05:08 PM |
| 3652 | Bug     | New         | Normal   | Ensure all Provenance Recording Types record the same things                          | Derik Barseghian   | 04/03/2009 03:18 PM |
| 3633 | Bug     | In Progress | Normal   | New token type: By Reference / By Value   | Derik Barseghian   | 05/13/2010 03:12 PM |
| 3595 | Bug     | New         | Normal   | Exporting an actor should prompt user to semantically annotate it if it's not already | Derik Barseghian   | 04/03/2009 03:25 PM |
| 3585 | Bug     | New         | Normal   | Provide API for creating output files during a workflow run                           | Timothy McPhillips | 04/03/2009 03:18 PM |
| 3578 | Bug     | New         | Normal   | optimize timing of data download by EML and other data source actors                  | Jing Tao           | 04/03/2009 02:18 PM |
| 3577 | Bug     | New         | Normal   | FilterUI actor has problems   | Derik Barseghian   | 04/03/2009 03:18 PM |
| 3576 | Bug     | New         | Normal   | support for accessing cascading metadata from within CompositeCoactor                 | Timothy McPhillips | 04/03/2009 03:18 PM |
| 3575 | Bug     | New         | Normal   | A representation of COMAD collections on the file-system                              | Timothy McPhillips | 04/03/2009 03:18 PM |
| 3574 | Bug     | New         | Normal   | Support for importing directory contents using CollectionSource                       | Timothy McPhillips | 04/03/2009 03:18 PM |
| 3573 | Bug     | New         | Normal   | Support for importing file contents automatically using CollectionSource              | Timothy McPhillips | 04/03/2009 02:51 PM |
| 3568 | Bug     | New         | Normal   | support for writing COMAD-style trace files from the Provenance Recorder              | Timothy McPhillips | 04/03/2009 02:50 PM |
| 3566 | Bug     | New         | Normal   | order collection contents displayed in provenance browser?                            | Timothy McPhillips | 04/03/2009 02:50 PM |
| 3560 | Bug     | New         | Normal   | Color-code contents of CollectionDisplay  | Timothy McPhillips | 04/03/2009 02:50 PM |
| 3559 | Bug     | New         | Normal   | month field in trace file name is off by one  | Timothy McPhillips | 04/03/2009 02:50 PM |
| 3558 | Bug     | New         | Normal   | Store each workflow run trace in it's own directory                                   | Timothy McPhillips | 04/03/2009 02:50 PM |
| 3557 | Bug     | New         | Normal   | Provide data dependency graph view in provenance browser                              | Timothy McPhillips | 04/03/2009 02:49 PM |
| 3555 | Bug     | New         | Normal   | enhancements to Trace File view in provenance browser                                 | Timothy McPhillips | 04/03/2009 02:49 PM |
| 3552 | Bug     | In Progress | Normal   | Annotation elements in trace file do not appear in details pane of provenance browser | Timothy McPhillips | 04/03/2009 02:18 PM |

| #    | Tracker | Status      | Priority  | Subject   | Assignee           | Updated             |
|------|---------|-------------|-----------|---|--------------------|---------------------|
| 3546 | Bug     | New         | Normal    | Automatically load trace for a completed run into the provenance browser        | Timothy McPhillips | 04/03/2009 02:49 PM |
| 3539 | Bug     | New         | Normal    | wierd behaviors of port parameter   | Chad Berkley       | 04/03/2009 02:46 PM |
| 3531 | Bug     | New         | Normal    | Save As dialog inconsistent between linux and mac                               | Derik Barseghian   | 04/03/2009 02:45 PM |
| 3440 | Bug     | New         | Normal    | add Up and Down buttons to change port order on an actor                        | Derik Barseghian   | 04/03/2009 02:45 PM |
| 3408 | Bug     | New         | Low       | create icon for DDF Boolean Select  | Chad Berkley       | 04/03/2009 02:18 PM |
| 3407 | Bug     | New         | Normal    | reset debugging windows, add timestamps   | Chad Berkley       | 04/03/2009 02:18 PM |
| 3392 | Bug     | New         | Normal    | Need scrollbars in Documentation > Customize Documentation window               | Ilkay Altintas     | 04/03/2009 02:44 PM |
| 3388 | Bug     | New         | Normal    | error running simihofi.xml workflow in Kepler 1.0.0                             | Derik Barseghian   | 04/03/2009 02:44 PM |
| 3361 | Bug     | In Progress | Normal    | parameters lose their Display Name when copy and pasted                         | Derik Barseghian   | 04/03/2009 02:18 PM |
| 3333 | Bug     | New         | Normal    | "configure actor" dialog box changes after "documentation->display"             | Chad Berkley       | 04/03/2009 02:44 PM |
| 3295 | Bug     | New         | Normal    | Python/Ptolemlizer welcome text does not display                                | Derik Barseghian   | 04/03/2009 02:18 PM |
| 3292 | Bug     | New         | Normal    | ENM/GDAL_h1K_NS workflow giving an exception                                    | Chad Berkley       | 04/03/2009 02:18 PM |
| 3291 | Bug     | New         | Normal    | IPCC_ChangeNightlyBuildTest got an exception                                    | Chad Berkley       | 04/03/2009 02:18 PM |
| 3290 | Bug     | New         | Normal    | DarwinCore_test workflow takes forever to downloading data                      | Chad Berkley       | 04/03/2009 02:18 PM |
| 3278 | Bug     | New         | Normal    | Search result count is inflated when using both KNB sources ([un]authenticated) | ben leinfelder     | 04/03/2009 02:18 PM |
| 3275 | Bug     | New         | Normal    | EML200DataSource interface  | Derik Barseghian   | 04/03/2009 02:18 PM |
| 3266 | Bug     | In Progress | Normal    | ENM/GARP_MultipleSpecies-V.xml problems   | Chad Berkley       | 04/03/2009 02:18 PM |
| 3265 | Bug     | New         | Normal    | ascToRaw needs more error handling  | Chad Berkley       | 04/03/2009 02:18 PM |
| 3235 | Bug     | New         | Normal    | Add an Edit, Select All menu item and respective accelerator                    | Derik Barseghian   | 04/03/2009 02:18 PM |
| 3231 | Bug     | New         | Normal    | 3-way table output (multiway cross tabulation actor?)                           | Chad Berkley       | 04/03/2009 02:18 PM |
| 3230 | Bug     | New         | Normal    | Matrix Viewer actor does not accept RExpression matrices                        | Chad Berkley       | 02/10/2012 12:23 AM |
| 3228 | Bug     | New         | Normal    | Kepler need a central place to handle network disconnection                     | Chad Berkley       | 04/03/2009 02:18 PM |
| 3226 | Bug     | New         | Normal    | Eval: subplots from RExpression overly condensed                                | Chad Berkley       | 04/03/2009 02:18 PM |
| 3223 | Bug     | New         | Normal    | interactive graphics in R   | Matthew Brooke     | 04/03/2009 02:18 PM |
| 3222 | Bug     | New         | Normal    | save new workflow template  | Matthew Brooke     | 04/03/2009 02:18 PM |
| 3221 | Bug     | New         | Normal    | offset new windows  | Derik Barseghian   | 04/03/2009 02:18 PM |
| 3220 | Bug     | New         | Normal    | "Save" from TextEditor interferes with workflow save-before-closing prompt      | ben leinfelder     | 09/03/2009 04:20 PM |
| 3210 | Bug     | New         | Immediate | add netCDF support to Kepler  | Jing Tao           | 02/10/2012 12:22 AM |
| 3208 | Bug     | New         | Normal    | consolidate matlab actors   | Daniel Crawl       | 04/03/2009 02:18 PM |
| 3205 | Bug     | New         | Normal    | gdalTranslate actor crashes on bad format and won't work with all gdal formats  | Chad Berkley       | 03/02/2010 07:31 AM |
| 3204 | Bug     | New         | Normal    | Kepler should have FSM examples   | Chad Berkley       | 04/03/2009 02:18 PM |
| 3194 | Bug     | New         | Immediate | add actors to support Sun Grid  | Chad Berkley       | 04/03/2009 01:57 PM |
| 3192 | Bug     | New         | Normal    | behavior of documentation actor   | Chad Berkley       | 04/03/2009 02:43 PM |

| #    | Tracker | Status      | Priority  | Subject  | Assignee           | Updated             |
|------|---------|-------------|-----------|--|--------------------|---------------------|
| 3189 | Bug     | New         | Immediate | CommandLineExec needs ability to kill spawned process                    | Chad Berkley       | 04/03/2009 01:57 PM |
| 3187 | Bug     | In Progress | Normal    | RExpression actor does not share focus                                   | ben leinfelder     | 04/03/2009 02:18 PM |
| 3183 | Bug     | New         | Normal    | Return/Enter does not select default button in dialog boxes              | Matthew Brooke     | 04/03/2009 02:18 PM |
| 3172 | Bug     | New         | Normal    | windows mouse wheel doesn't scroll canvas                                | Derik Barseghian   | 02/09/2010 04:19 PM |
| 3161 | Bug     | New         | Normal    | progress meter when downloading data with RBNBToKepler actors            | Derik Barseghian   | 04/20/2009 10:44 AM |
| 3160 | Bug     | New         | Normal    | RBNBToKepler actors should work within SDF, PN and DDF                   | Derik Barseghian   | 04/03/2009 02:18 PM |
| 3158 | Bug     | New         | Normal    | RBNBToKepler actors need to timeout more quickly                         | Derik Barseghian   | 04/03/2009 02:18 PM |
| 3152 | Bug     | New         | Normal    | Use EcoGridServicesController with EcoGridWriter actor                   | ben leinfelder     | 04/03/2009 02:18 PM |
| 3149 | Bug     | New         | Normal    | cannot add arbitrary jars when exporting archive                         | Chad Berkley       | 04/22/2009 03:37 PM |
| 3143 | Bug     | New         | Normal    | dataFrame_R cache problem under parallels                                | Chad Berkley       | 04/03/2009 02:18 PM |
| 3116 | Bug     | New         | Immediate | Web page rendering needs to be made w3c compliant                        | Chad Berkley       | 04/03/2009 01:56 PM |
| 3106 | Bug     | New         | Normal    | Out of memory while opening all demos, is -Xss5m or SVG the problem?     | Matthew Brooke     | 04/03/2009 02:31 PM |
| 3095 | Bug     | New         | Normal    | add data mining actors (weka) and cheminformatics actors                 | Chad Berkley       | 04/03/2009 02:18 PM |
| 3066 | Bug     | New         | Normal    | actor sdk  | Chad Berkley       | 06/03/2009 08:29 AM |
| 3062 | Bug     | New         | Normal    | Need ASC grid Utilities actor  | Chad Berkley       | 04/03/2009 02:06 PM |
| 3038 | Bug     | New         | Normal    | Save in Library Dialog problem with default Category                     | Shawn Bowers       | 04/03/2009 02:18 PM |
| 3028 | Bug     | New         | Normal    | Need for new IPCC/Hydro1K data (and metadata) on EarthGrid               | Deana Pennington   | 04/03/2009 02:06 PM |
| 2997 | Bug     | In Progress | Immediate | Icons stop working after using kepler for a while                        | Chad Berkley       | 04/03/2009 01:56 PM |
| 2990 | Bug     | In Progress | Normal    | file open dialog should open in workflows directory                      | Dan Higgins        | 04/03/2009 02:05 PM |
| 2989 | Bug     | New         | Normal    | Changes in actor ontology does not cause the actor library to rebuild    | Dan Higgins        | 04/03/2009 02:18 PM |
| 2987 | Bug     | In Progress | Immediate | Kepler Library (actor repository) Issues                                 | Chad Berkley       | 04/03/2009 01:32 PM |
| 2969 | Bug     | New         | Normal    | Ability to join tables _across_ EML data packages                        | ben leinfelder     | 09/11/2007 06:10 PM |
| 2968 | Bug     | New         | Normal    | Ability to join tables within same EML data package                      | ben leinfelder     | 09/11/2007 06:10 PM |
| 2964 | Bug     | New         | Normal    | Change RExpression plotting actors to allow custom axis and title labels | ben leinfelder     | 07/01/2008 11:33 AM |
| 2963 | Bug     | New         | Normal    | Add data structure for tabular data and associated metadata              | ben leinfelder     | 08/17/2009 02:30 PM |
| 2962 | Bug     | New         | Normal    | Add metadata to data tokens so that it can be used downstream            | ben leinfelder     | 02/10/2012 12:15 AM |
| 2921 | Bug     | New         | Normal    | Way to temporarily comment out actors or connections                     | Christopher Brooks | 04/03/2009 02:18 PM |
| 2895 | Bug     | New         | Immediate | Distributed Execution Tracking Bug                                       | Chad Berkley       | 04/03/2009 01:56 PM |
| 2828 | Bug     | In Progress | Normal    | Actor names inconsistent   | Chad Berkley       | 04/03/2009 02:05 PM |
| 2672 | Bug     | In Progress | Normal    | actor search term should be trimmed + searching with multiple terms      | Dan Higgins        | 04/03/2009 02:18 PM |
| 2570 | Bug     | New         | Normal    | port's context menu should contain renaming                              | Matthew Brooke     | 04/03/2009 02:04 PM |
| 2562 | Bug     | New         | Normal    | add unit info to eml2Data source actor                                   | Jing Tao           | 04/03/2009 02:04 PM |
| 2509 | Bug     | In Progress | Normal    | FSM & Modal Model Menu selections do not work                            | Chad Berkley       | 04/03/2009 02:18 PM |

| #    | Tracker | Status      | Priority  | Subject   | Assignee           | Updated             |
|------|---------|-------------|-----------|---|--------------------|---------------------|
| 2494 | Bug     | In Progress | Normal    | Problem with Microsoft zip extractor and Kepler zip   | Dan Higgins        | 04/03/2009 02:18 PM |
| 2459 | Bug     | In Progress | Normal    | Need for actor/attribute that detects OS/executables  | Dan Higgins        | 04/03/2009 02:18 PM |
| 2452 | Bug     | New         | Normal    | consider providing management console for workflow engineer                                 | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2451 | Bug     | New         | Normal    | consider providing data-centric/data management feature in Kepler                           | Matthew Brooke     | 04/03/2009 02:02 PM |
| 2450 | Bug     | New         | Normal    | consider better mechanism for navigating multi-level workflow                               | Matthew Brooke     | 04/03/2009 02:02 PM |
| 2449 | Bug     | New         | Normal    | Animate at Runtime... action only partially works   | Chad Berkley       | 04/03/2009 02:18 PM |
| 2446 | Bug     | New         | Normal    | ICONS: Handle missing thumbnails elegantly  | Matthew Brooke     | 04/03/2009 02:00 PM |
| 2445 | Bug     | New         | Normal    | DataSource: add code to assign & display new raster thumbnail Icons for search results list | Matthew Brooke     | 04/03/2009 02:00 PM |
| 2416 | Bug     | In Progress | Normal    | ICONS: Tracking bug - Rearranging and regenerating icons                                    | Matthew Brooke     | 04/03/2009 02:00 PM |
| 2414 | Bug     | New         | Normal    | Opening a preexisting model should open in a blank viewer                                   | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2410 | Bug     | New         | Normal    | need feature in UI for users to assign icon to an actor                                     | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2400 | Bug     | New         | Normal    | Need ability to set parameter ranges and relationships.                                     | Chad Berkley       | 04/03/2009 02:18 PM |
| 2397 | Bug     | New         | Normal    | TOOLTIPS: dual screen setup - tooltip sometimes shown on wrong screen                       | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2393 | Bug     | New         | Normal    | Need ability to disable 'add port' to actors where not supported                            | Matthew Brooke     | 08/26/2009 01:15 PM |
| 2388 | Bug     | New         | Normal    | Incorporating the SRB actors with the gsi authentication framework                          | Nandita Mangal     | 04/06/2009 10:20 AM |
| 2382 | Bug     | In Progress | Normal    | Documentation kar does not appear in actor tree   | Dan Higgins        | 04/03/2009 02:18 PM |
| 2367 | Bug     | New         | Normal    | MENUS: Context Menus - Additional context menu designs needed                               | Laura Downey       | 04/03/2009 02:18 PM |
| 2362 | Bug     | In Progress | Normal    | DataSourcelcon: use new SVG Icons dynamically, instead of drawing icon                      | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2359 | Bug     | In Progress | Normal    | enable/disable menu items and toolbar items as appropriate                                  | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2349 | Bug     | New         | Low       | Actors should have preconditions to test for long runs                                      | Christopher Brooks | 02/10/2012 12:25 AM |
| 2348 | Bug     | In Progress | Normal    | Rewrite disk based GIS code for speed increase  | Dan Higgins        | 04/03/2009 02:18 PM |
| 2342 | Bug     | In Progress | Normal    | MENUS: Top-Level Menu - some toolbar buttons showing text                                   | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2338 | Bug     | In Progress | Immediate | TRACKING - MENUS: pop-up context menu revision  | Matthew Brooke     | 04/03/2009 01:54 PM |
| 2337 | Bug     | In Progress | Immediate | TRACKING - MENUS: Top-Level Menu Revision   | Matthew Brooke     | 04/03/2009 01:54 PM |
| 2324 | Bug     | In Progress | Normal    | SVG - old-style icon still displayed for certain actors                                     | Matthew Brooke     | 04/03/2009 01:59 PM |
| 2307 | Bug     | In Progress | Normal    | Mac OSX code missing for several JNI actors   | Dan Higgins        | 04/03/2009 02:18 PM |
| 2302 | Bug     | In Progress | Normal    | Problem unzipping hierarchical data   | Jing Tao           | 04/03/2009 02:18 PM |
| 2271 | Bug     | In Progress | Normal    | Changing the Color Scheme   | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2270 | Bug     | In Progress | Normal    | TRACKING: Localization and Improvement of User-Visible Messaging Strings                    | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2265 | Bug     | New         | Normal    | Simple Kepler features movie to be displayed at the 1st time installation                   | Ilkay Altintas     | 04/03/2009 02:18 PM |
| 2264 | Bug     | In Progress | Normal    | DIALOGS: Implement New "Semantic Annotation" Dialog   | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2263 | Bug     | In Progress | Normal    | DIALOGS: Implement New "Search Ecogrid for Data Sources" Dialog                             | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2262 | Bug     | In Progress | Normal    | DIALOGS: Implement New "Search Ecogrid for Component Sources" Dialog                        | Matthew Brooke     | 04/03/2009 02:18 PM |

| #    | Tracker | Status      | Priority  | Subject   | Assignee           | Updated             |
|------|---------|-------------|-----------|---|--------------------|---------------------|
| 2261 | Bug     | New         | Normal    | DIALOGS: Implement New "Advanced Search for Data" Dialog                | Derik Barseghian   | 06/09/2009 03:14 PM |
| 2260 | Bug     | In Progress | Normal    | DIALOGS: Implement New "Advanced Search for Components" Dialog          | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2259 | Bug     | In Progress | Immediate | DIALOGS: Implement New Actor Dialog                                     | Matthew Brooke     | 04/03/2009 01:53 PM |
| 2258 | Bug     | In Progress | Immediate | DIALOGS: Implement New Director Dialog                                  | Matthew Brooke     | 04/03/2009 01:52 PM |
| 2257 | Bug     | In Progress | Immediate | DIALOGS: Implement New Workflow Dialog                                  | Matthew Brooke     | 04/03/2009 01:52 PM |
| 2251 | Bug     | In Progress | Normal    | Need to document how to use Kepler for phylogenetics                    | Timothy McPhillips | 04/03/2009 02:18 PM |
| 2250 | Bug     | In Progress | Normal    | Need documentation for collection-oriented workflow approach            | Timothy McPhillips | 04/03/2009 02:18 PM |
| 2249 | Bug     | In Progress | Normal    | Need to support a useful subset of PHYLIP (PHYlogeny Inference Package) | Timothy McPhillips | 04/03/2009 02:18 PM |
| 2247 | Bug     | In Progress | Normal    | TRACKING: Popup Dialog Changes  | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2246 | Bug     | In Progress | Normal    | TOOLBAR: status on opening workflows and blank frames                   | Christopher Brooks | 04/03/2009 02:18 PM |
| 2245 | Bug     | In Progress | Immediate | TRACKING: Batik SVG Rendering - remaining tasks                         | Matthew Brooke     | 04/03/2009 01:31 PM |
| 2241 | Bug     | In Progress | Normal    | {de-}serialize semantic annotations to and from EML                     | Jing Tao           | 04/03/2009 02:18 PM |
| 2230 | Bug     | In Progress | Normal    | EML actor doesn't handle footer line in data file                       | Jing Tao           | 04/03/2009 02:18 PM |
| 2225 | Bug     | In Progress | Normal    | EML parser does not handle attribute list reference                     | Jing Tao           | 04/03/2009 01:59 PM |
| 2140 | Bug     | New         | Normal    | need dataset extraction WF for documentation/example purposes           | Efrat Jaeger       | 04/03/2009 02:18 PM |
| 2133 | Bug     | New         | Normal    | Need ability to update data searches                                    | Jing Tao           | 04/03/2009 02:18 PM |
| 2129 | Bug     | New         | Normal    | Data sources' schema attribute should not be stored in MoML             | Efrat Jaeger       | 04/03/2009 02:18 PM |
| 2123 | Bug     | New         | Low       | need a way to uniquely identify actor in a workflow and locate it       | ben leinfelder     | 06/15/2012 07:40 AM |
| 2122 | Bug     | New         | Normal    | add features to support semantic incompatiblity                         | Shawn Bowers       | 04/03/2009 02:18 PM |
| 2121 | Bug     | New         | Normal    | add features to support structural incompatibility                      | Shawn Bowers       | 04/03/2009 02:18 PM |
| 2120 | Bug     | New         | Normal    | add visual indicators for non-annotated ports                           | Laura Downey       | 04/03/2009 02:18 PM |
| 2119 | Bug     | New         | Normal    | create user guide to ontologies for ecologists                          | Josh Madin         | 04/03/2009 02:18 PM |
| 2118 | Bug     | New         | Normal    | allow users to create units based on units in current ontology          | Shawn Bowers       | 04/03/2009 02:18 PM |
| 2117 | Bug     | New         | Normal    | mechanism for user to query for semantically compatible actors          | Shawn Bowers       | 04/03/2009 02:18 PM |
| 2116 | Bug     | New         | Normal    | alert user when new ontology is available                               | Shawn Bowers       | 04/03/2009 02:18 PM |
| 2113 | Bug     | In Progress | Normal    | provide mechanism for saving queries                                    | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2109 | Bug     | In Progress | Normal    | make double-click open composite actor                                  | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2106 | Bug     | In Progress | Normal    | allow user to save search results                                       | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2105 | Bug     | New         | Normal    | add taxon concept search for data                                       | Robert Gales       | 04/03/2009 02:18 PM |
| 2104 | Bug     | New         | Normal    | add concept search for data   | Shawn Bowers       | 04/03/2009 02:18 PM |
| 2056 | Bug     | In Progress | Normal    | Port labels appear 'twice' when DataSource actor added                  | Matthew Brooke     | 04/03/2009 01:59 PM |
| 2036 | Bug     | In Progress | Normal    | provide different levels of turning displaying annotations              | Matthew Brooke     | 04/03/2009 02:18 PM |
| 2033 | Bug     | New         | Normal    | provide indication of actor compatibility                               | Shawn Bowers       | 04/03/2009 02:18 PM |

| #    | Tracker | Status      | Priority  | Subject   | Assignee       | Updated             |
|------|---------|-------------|-----------|---|----------------|---------------------|
| 2029 | Bug     | In Progress | Normal    | consider guided analysis wizard   | Matthew Brooke | 04/03/2009 02:18 PM |
| 2028 | Bug     | In Progress | Normal    | provide ability to easily visualize data at various places in workflow  | ben leinfelder | 04/03/2009 02:18 PM |
| 2027 | Bug     | In Progress | Normal    | provide ability to assign checkpoints in the workflow   | Ilkay Altintas | 02/10/2012 12:21 AM |
| 2024 | Bug     | In Progress | Normal    | provide natural language summary of workflow  | Matthew Brooke | 04/03/2009 02:18 PM |
| 2015 | Bug     | New         | Immediate | Provide more meaningful error messages  | Laura Downey   | 04/03/2009 01:48 PM |
| 2012 | Bug     | In Progress | Normal    | Incorporate combo boxes with pick lists in as many places as possible to minimize user typing and provide knowledge of acceptable choices | Matthew Brooke | 04/03/2009 02:18 PM |
| 2011 | Bug     | In Progress | Normal    | MENUS: Context Menus - Add Cut/Copy/Paste to all right click popup menus  | Matthew Brooke | 04/03/2009 02:18 PM |
| 2005 | Bug     | In Progress | Normal    | associate an visual text annotation with a specific actor   | Matthew Brooke | 04/03/2009 02:18 PM |
| 1997 | Bug     | New         | Normal    | Support Getting Metadata for Darwin Core search result item   | Jing Tao       | 04/03/2009 02:18 PM |
| 1981 | Bug     | New         | Normal    | Extend database query actor to handle datatypes   | Efrat Jaeger   | 04/03/2009 02:18 PM |
| 1923 | Bug     | New         | Normal    | Develop ontologies; engage KR group   | Josh Madin     | 04/03/2009 02:18 PM |
| 1922 | Bug     | New         | Normal    | Develop strategies for GUI extenstions for the semantics stuff  | Shawn Bowers   | 04/03/2009 02:18 PM |
| 1921 | Bug     | New         | Normal    | Define the Kepler GUI components required for semantic mediation in Kepler  | Shawn Bowers   | 04/03/2009 02:18 PM |
| 1920 | Bug     | New         | Normal    | Search based on semantic annotations of a dataset's attributes  | Shawn Bowers   | 04/03/2009 02:18 PM |

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